



Northern Indiana

2020 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.6	5.4	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 41.6	<small>(2.5-5.0)</small> 49.7	<small>(5.0-7.0)</small> 3.6	<small>(7.0+)</small> 3.6
Phosphorus (P1), ppm	44	48	<small>(<10)</small> 6.6	<small>(10-20)</small> 19.9	<small>(20-30)</small> 20.0	<small>(30-50)</small> 26.3	<small>(50+)</small> 27.2
Phosphorus (P2), ppm	65	76	<small>(<14)</small> 5.2	<small>(14-29)</small> 18.8	<small>(29-44)</small> 20.8	<small>(44-74)</small> 30.5	<small>(74+)</small> 24.6
Bicarbonate P, ppm	20	16	<small>(<5)</small> 50.0	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 50.0	<small>(45+)</small>
Potassium (K), ppm	140	62					
K, % Base Saturation	3.9	2.0	<small>(<0.93)</small> 2.1	<small>(0.93-1.84)</small> 5.9	<small>(1.85-3.68)</small> 56.1	<small>(3.69-5.52)</small> 29.6	<small>(5.52+)</small> 8.2
Magnesium (Mg), ppm	267	138					
Mg, % Base Saturation	20.9	6.3	<small>(<5)</small> 0.4	<small>(5-10)</small> 3.0	<small>(10-15)</small> 14.1	<small>(15-25)</small> 57.1	<small>(25+)</small> 25.3
Calcium (Ca), ppm	1352	801					
Ca, % Base Saturation	61.7	10.6	<small>(<45)</small> 5.7	<small>(45-55)</small> 20.0	<small>(55-75)</small> 64.6	<small>(75-85)</small> 8.4	<small>(85+)</small> 1.3
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 1.0	<small>(5.1-5.8)</small> 13.2	<small>(5.9-6.9)</small> 64.2	<small>(7.0-7.5)</small> 17.4	<small>(>7.5)</small> 4.2
CEC, meq/100g	10.8	5.2	<small>(<3.1)</small> 1.0	<small>(3.1-8.0)</small> 29.5	<small>(8.1-15.0)</small> 53.9	<small>(15.1-25.0)</small> 14.1	<small>(>25.0)</small> 1.5
Sulfur (S), ppm	8	21.6	<small>(<4)</small> 4.2	<small>(4-7)</small> 53.8	<small>(8-12)</small> 33.7	<small>(13-17)</small> 5.0	<small>(>17)</small> 3.3
Zinc (Zn), ppm	4.0	4.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 51.4	<small>(3.0-4.9)</small> 30.3	<small>(5.0-10.0)</small> 13.6	<small>(>10.0)</small> 4.7
Manganese (Mn), ppm	34	16	<small>(<6)</small> 3.8	<small>(6-14)</small> 11.2	<small>(15-19)</small> 15.3	<small>(20-49)</small> 53.7	<small>(>49)</small> 16.1
Iron (Fe), ppm	44	27		<small>(<5)</small> 0.2	<small>(5-9)</small> 1.0	<small>(10-50)</small> 69.3	<small>(>50)</small> 29.5
Copper (Cu), ppm	1.7	1.2		<small>(<0.4)</small> 0.5	<small>(0.4-1.1)</small> 37.4	<small>(1.2-3.0)</small> 53.7	<small>(>3.0)</small> 8.4
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 47.4	<small>(0.4-0.5)</small> 27.3	<small>(0.6-1.2)</small> 22.8	<small>(1.3-2.5)</small> 2.3	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	71.2	70.6	<small>(<5)</small> 3.2	<small>(5-9)</small> 8.0	<small>(10-19)</small> 16.6	<small>(20-39)</small> 23.8	<small>(>39)</small> 48.4
Ammonium (NH ₄ -N), ppm	24.1	54.2	<small>(<5)</small> 18.7	<small>(5-9)</small> 43.2	<small>(10-19)</small> 6.6	<small>(20-39)</small> 3.8	<small>(>39)</small> 27.8